

Work Order ID 79002

Wednesday, January 18, 2012 10:42:27 AM

79002

Page 1

Item ID: D3684-045

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: LEG ASSEMBLY

Stop ***NS2***

Start Date: 1/18/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/23/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *mf*

Date: 12-01-18

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3684

Rev D

100

Pick Kit

0.00

100

Packaging

Memo

0.00

Packaging

FF 12-01-27 *SB*

110

Small Fab

0.00

110

Small Fab

Memo

0.00

Small Fab

1-Use anti-seize compound Tectly 502c Class 1, Mil-PRF-16173E or equivalent on thread and assemble as per dwg D3684

2-Assemble D3693-1 & D3691-1 Using Sikaflex -241/-291 between mating surfaces as per Dwg D3684

ensure holes AN3C bolts are clear of sealant
Torque Fastners as per Dwg D3684

FF 12-01-27 *SB*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 79002
Parent Item: D3684-045
Parent Item Name: LEG ASSEMBLY

Start Date: 1/18/2012 Required Date: 1/23/2012
Start Qty: 1.00 Required Qty: 1.00

Comments: IPP Rev:A new issue 08-02-12 DD verified by:JLM
IPP Rev:B As per Rev B 09-01-07 JLM Verified By:EC
03-16 JLM VERIFIED BY:EC
IPP Rev:C Added sealant note as per Rev C 09-01-20 JLM Verified By:DD
IPP REV:C AS PER REV D 10-

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C12A Bolts		Purchased	No			110	Each	40.0000	2	2		FF 12-01-27	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST351		40							
				117514		4							
				118112		5							
				118422		8							
				118451		22							
				119510		1							
D3688-5 STUD		Manufactured	No	120423	(2K)	110	Each	3.0000	1	1		FF 12-01-27 FF 12-01-27	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		3							
				72042		3					(1)		
D3689-1 SLEEVE		Manufactured	No			110	Each	8.0000	1	1		FF 12-01-27	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		1							
				70858		1							
				ST061		7							
				72117		7					(1)		
D3691-1 STUD		Manufactured	No			110	Each	7.0000	1	1		FF 12-01-27	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		7							
				62181		7					(1)		

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Work Order ID: 79002

Parent Item: D3684-045

Parent Item Name: LEG ASSEMBLY

Start Date: 1/18/2012

Required Date: 1/23/2012

Start Qty: 1.00

Required Qty: 1.00

D3692-1 SPACER	Manufactured	No	110	Each	121.0000	4	4	FF 12-01-27
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<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST061	121	
51467	21	
<u>73232</u>	100	

D3693-1 Rod End Bearing	Manufactured	No	110	Each	5.0000	1	1	FF 12-01-27
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<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	5	
<u>78118</u>	5	

MS21043-3 Nut	Purchased	No	110	Each	1,243.0000	2	2	FF 12-01-27
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<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	72	
103691	72	
ST300	632	
<u>119901</u>	632	
ST301	539	
118077	2	
118614	441	
118686	30	
119758	66	

NAS509-12C Nuts	Purchased	No	110	Each	11.0000	1	1	FF 12-01-27
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<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST279	11	
<u>112453</u>	11	

W/O:		WORK ORDER CHANGES					
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Parent Item: D3684-045

Parent Item Name: LEG ASSEMBLY

Start Date: 1/18/2012

Required Date: 1/23/2012

Start Qty: 1.00

Required Qty: 1.00

NAS509L12C

Purchased

No

110

Each

16.0000

1

1

Nuts

FF 12-01-27

Location

Loc Qty

Loc Code

ST279

16

112314

6

112828

10

①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

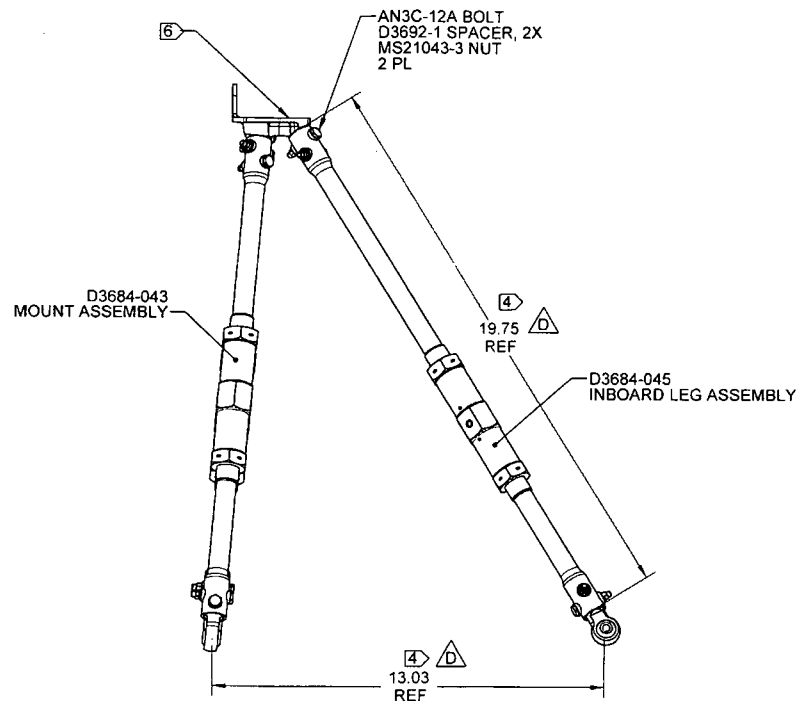
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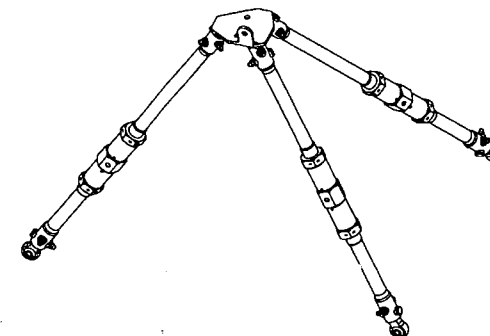
ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D3684-041	TRIPOD MOUNT ASSEMBLY
2	1	D3684-043	MOUNT ASSEMBLY
3	1	D3684-045	INBOARD LEG ASSEMBLY
4	4	D3692-1	SPACER
5	2	AN3C-12A	BOLT
6	2	MS21043-3	NUT



D3684-041 TRIPOD MOUNT ASSY 7

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSIONS SHOWN ARE WHEN D3688-1/-3/-5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
- 5) WEIGHT: 9.9 lbs
- 6) ASSEMBLE D3684-045 WITH D3684-043 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT
- 7) ASSEMBLY SHOWN FOR REF ONLY, -041 IS PACKAGED UNASSEMBLED



#79000

RELEASED
2010-03-15

D	13.03 WAS 13.10 (ZN B5-1); 19.75 WAS 19.87 (ZN C4-1); 19.40 WAS 19.52 (ZN C6-2); 17.15 WAS 17.27 (ZN C4-2); 19.85 WAS 20.24 (ZN B5-2); 20.96 WAS 21.09 (ZN C5-3); 20.62 WAS 20.74 (ZN C5-4); 18.37 WAS 18.49 (ZN C6-5)	RF	10.03.03
C	NOW ASSEMBLED USING SEALANT (ZN A8-1, D6-1, A8-2, D4-2, A8-3, B4-3, A8-4, B4-4, A8-5, B5-5); ASSEMBLY NOW SHOWN FOR REF ONLY (ZN A8-1, A4-1)	RF	08.12.15
B	19.52 WAS 19.50 (ZN C6-2); 9.20 WAS 9.70 (ZN C6-2); 20.74 WAS 21.24 (ZN C5-4); 6.95 WAS 6.88 (ZN D5-5); MODIFIED PER PROTOTYPE INSTALLATION; REFORMATTED TO CURRENT DWG STANDARDS	RF	08.11.24
A	NEW ISSUE	RF	08.05.22
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	#	DRAWING NO.	REV. D
MFG. APPR.	#	D3684	SHEET 1 OF 5
APPROVED	#	TITLE	SCALE
DE APPR.	#	TRIPOD MOUNT ASSY	NTS
DATE	10.03.03	COPYRIGHT © 2003 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

W/O:		WORK ORDER CHANGES					
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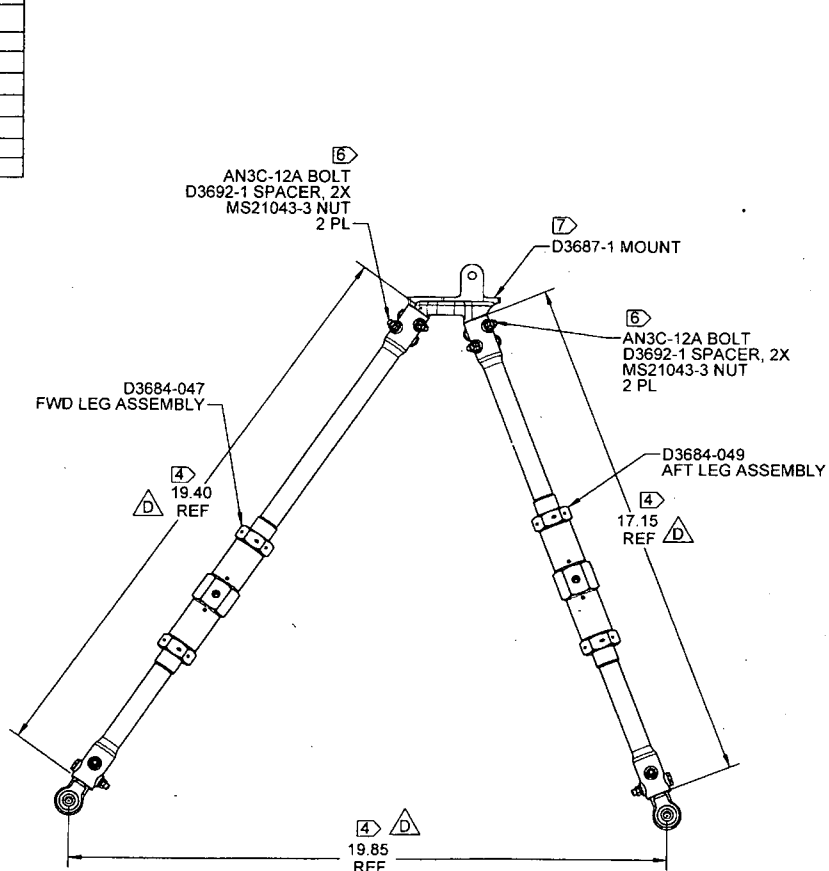
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D3684-043	MOUNT ASSEMBLY
2	1	D3687-1	MOUNT
3	1	D3684-047	FWD LEG ASSY
4	1	D3684-049	AFT LEG ASSY
5	8	D3692-1	SPACER
6	4	AN3C-12A	BOLT
7	4	MS21043-3	NUT



D3684-043 MOUNT ASSEMBLY

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-043 USING FINE POINT PERMANENT INK MARKER
- 4) DIMENSIONS SHOWN ARE WHEN D3688-1/3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
- 5) WEIGHT: 6.6 lbs
- 6) TORQUE FASTENERS TO 20-25 in-lbs
- 7) ASSEMBLE D3684-047 & D3684-049 WITH D3687-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

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RELEASE
2010-03-15

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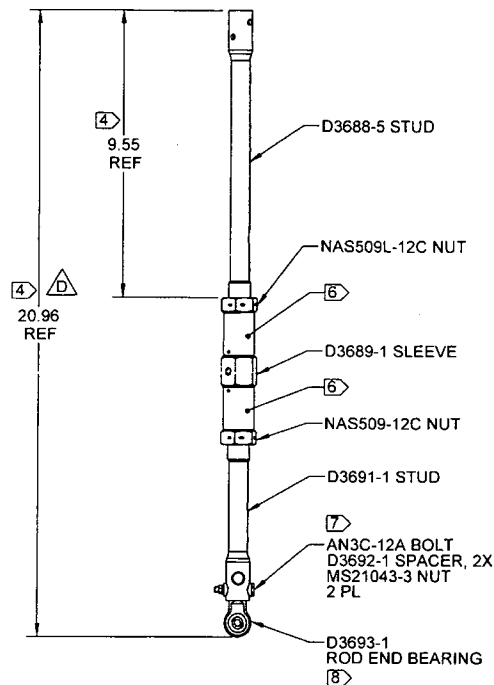
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D3684-045	INBOARD LEG ASSEMBLY
2	1	D3688-5	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-045 INBOARD LEG ASSEMBLY



RELEASED
2010-03-15

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-045 USING FINE POINT PERMANENT INK MARKER
- 4) DIMENSION SHOWN IS WHEN D3688-5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.1 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
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MFG. APPR.		D3684	SHEET 3 OF 5
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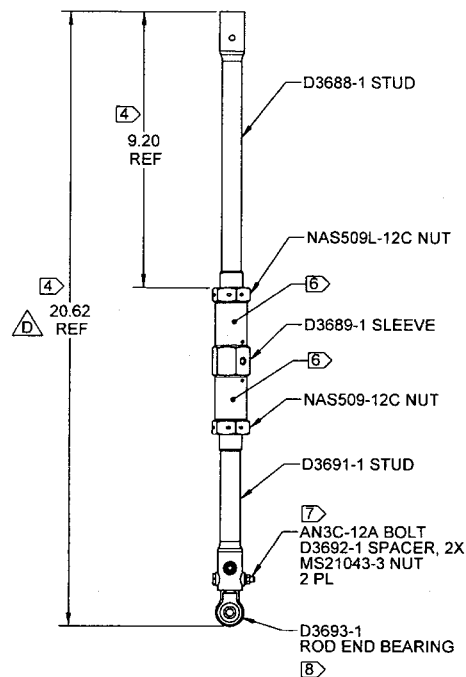
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ITEM	QTY -047	PART NUMBER	DESCRIPTION
1	X	D3684-047	FWD LEG ASSEMBLY
2	1	D3688-1	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-047 FWD LEG ASSEMBLY



#79000

RELEASED
2010-03-15

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSION SHOWN IS WHEN D3688-1 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.09 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

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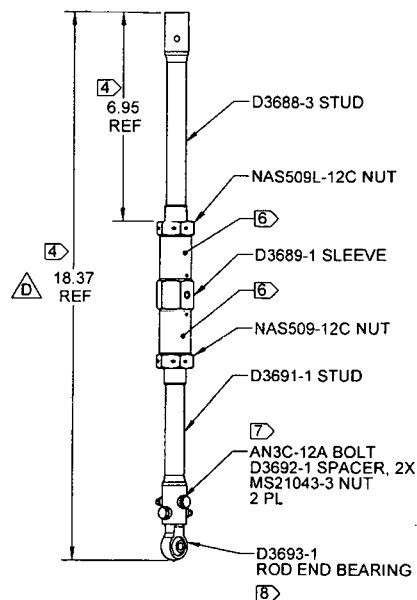
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ITEM	QTY -049	PART NUMBER	DESCRIPTION
1	X	D3684-049	AFT LEG ASSEMBLY
2	1	D3688-3	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-049 AFT LEG ASSEMBLY

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSION SHOWN IS WHEN D3688-3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 2.86 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

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RELEASED
2010-03-15

479000

W/O:		WORK ORDER CHANGES					
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